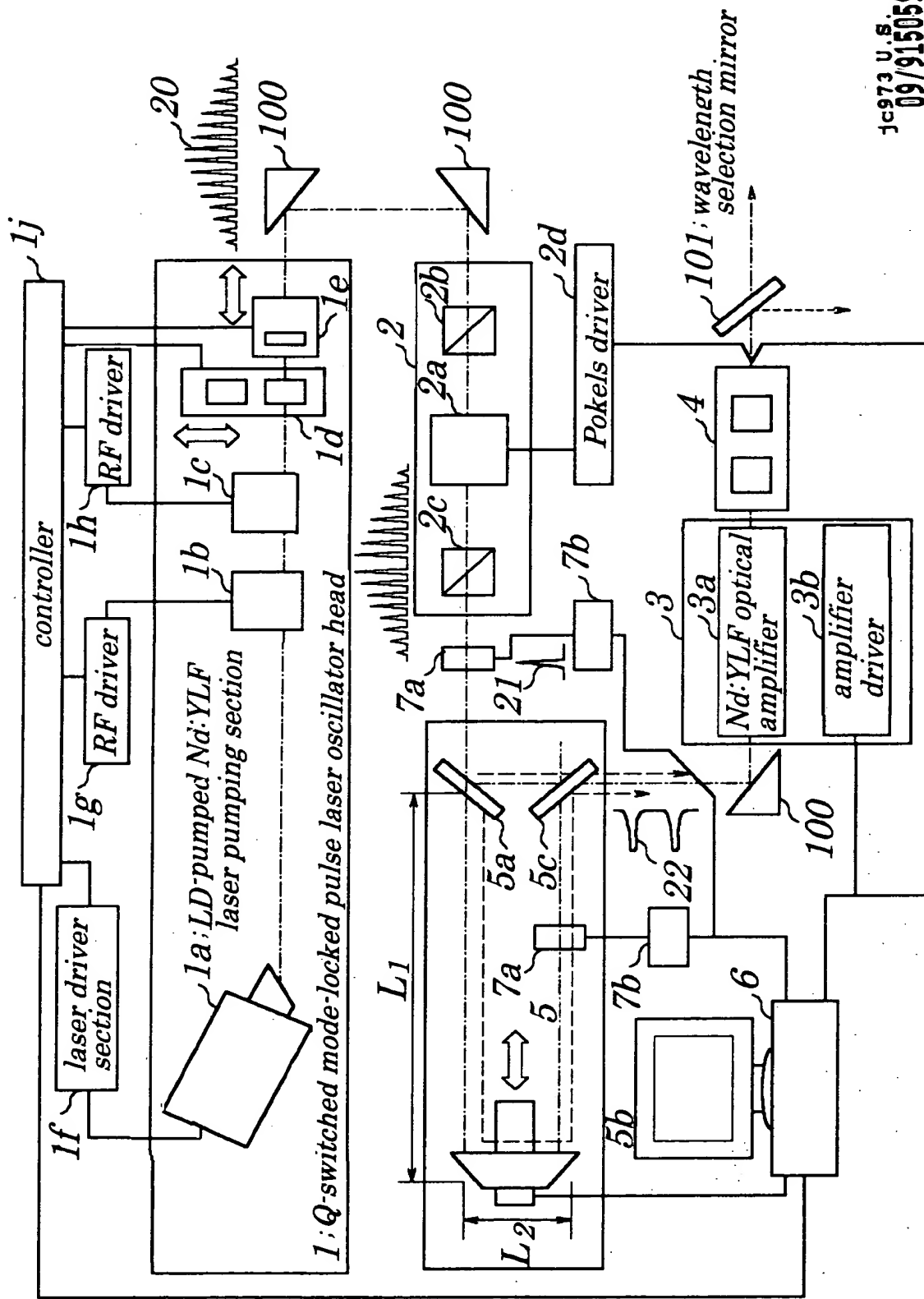


FIG. 1



envelope of Q-switched
pulse waveform

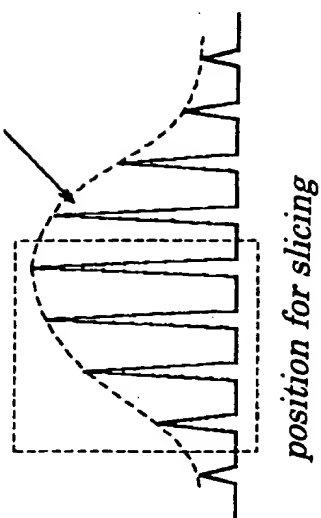


FIG. 3A

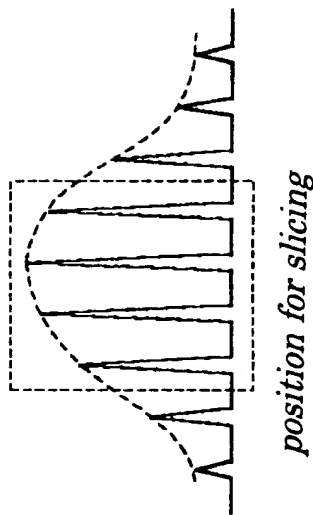


FIG. 3B

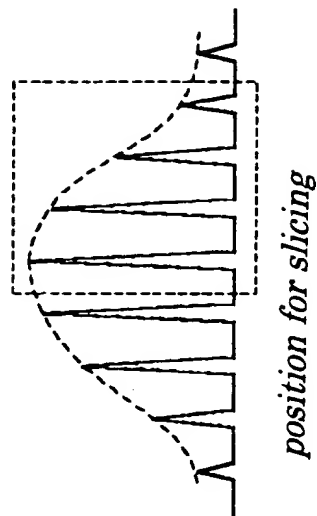


FIG. 3C

FIG.4

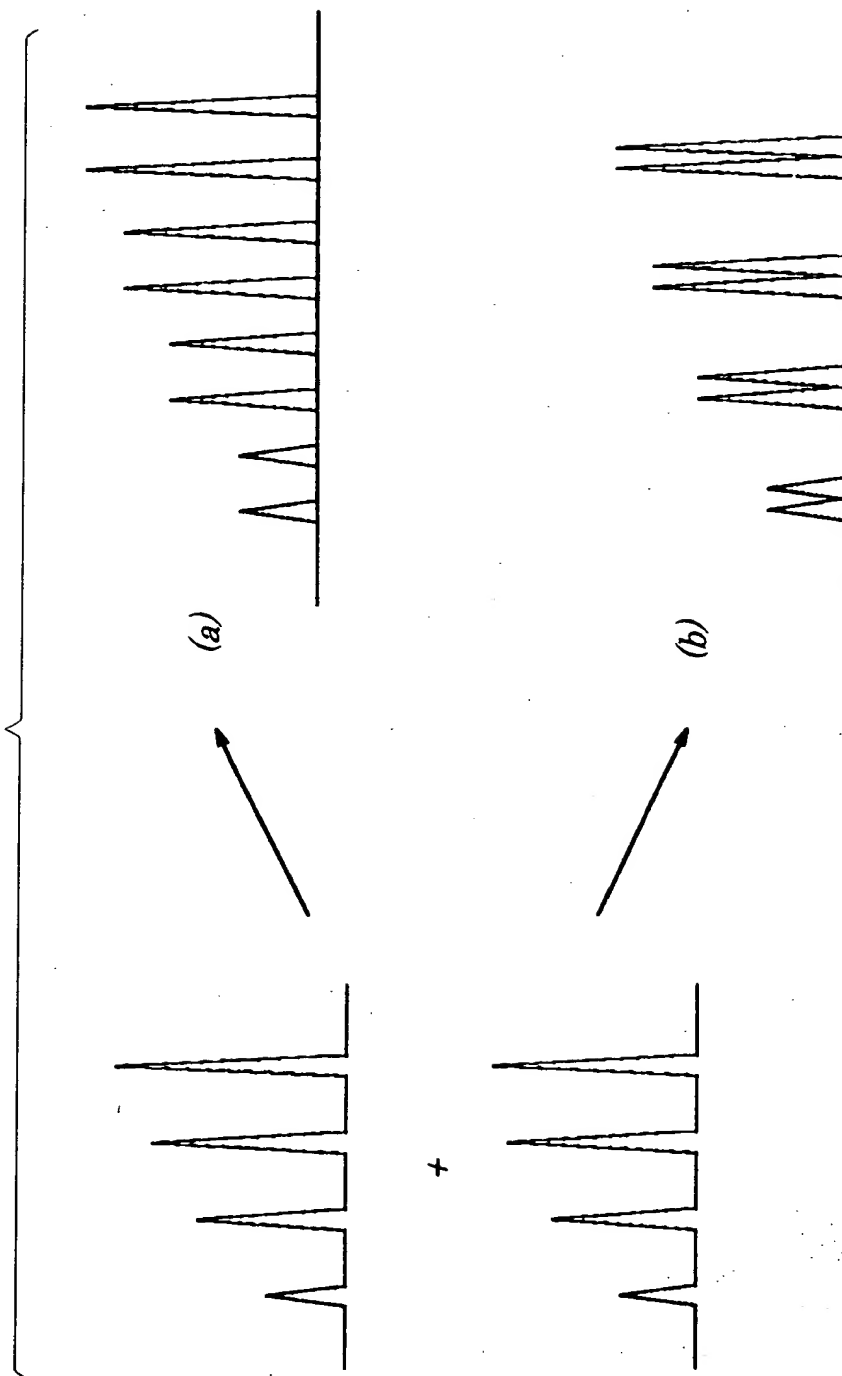


FIG.5

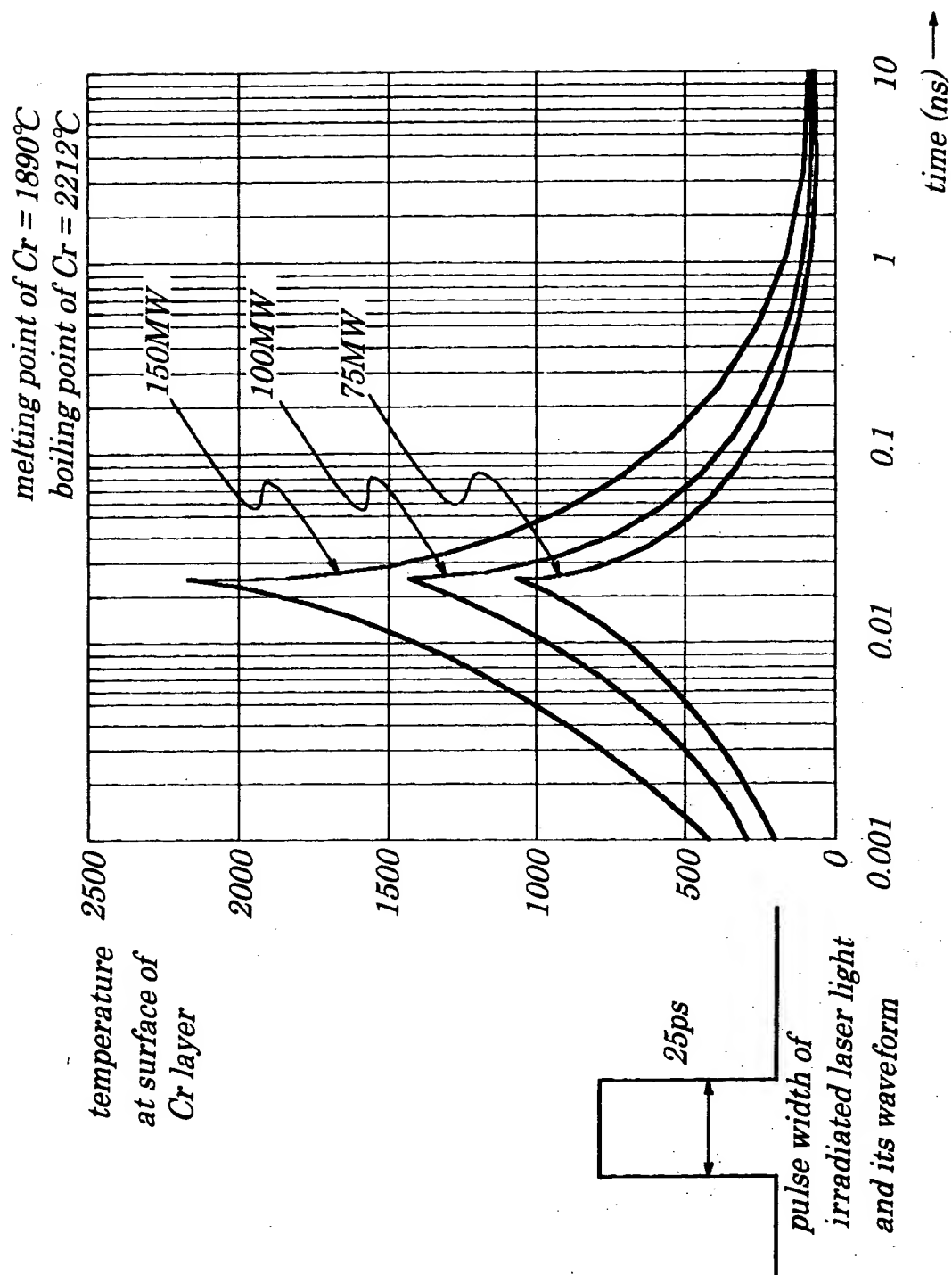


FIG.6

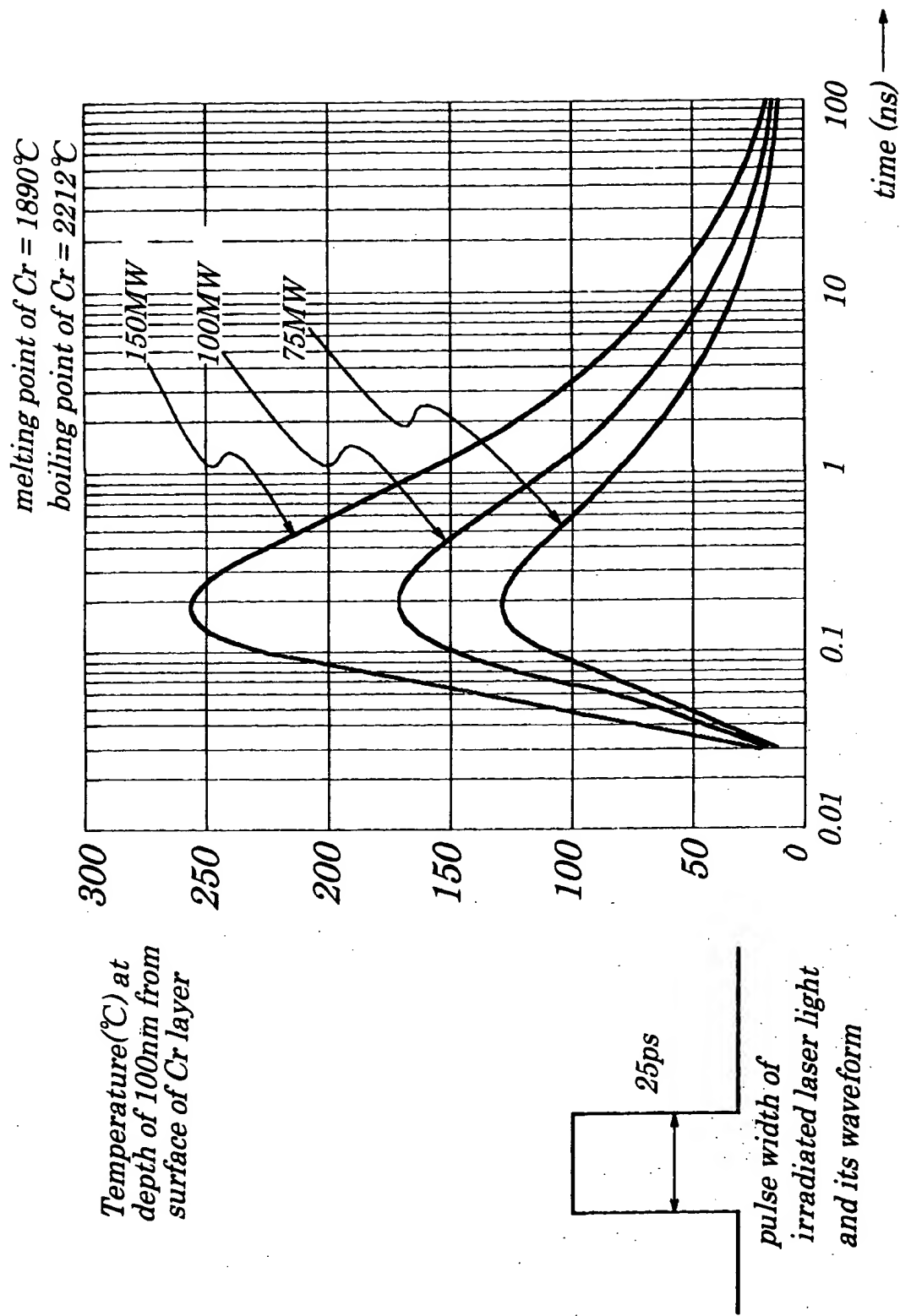


FIG. 7

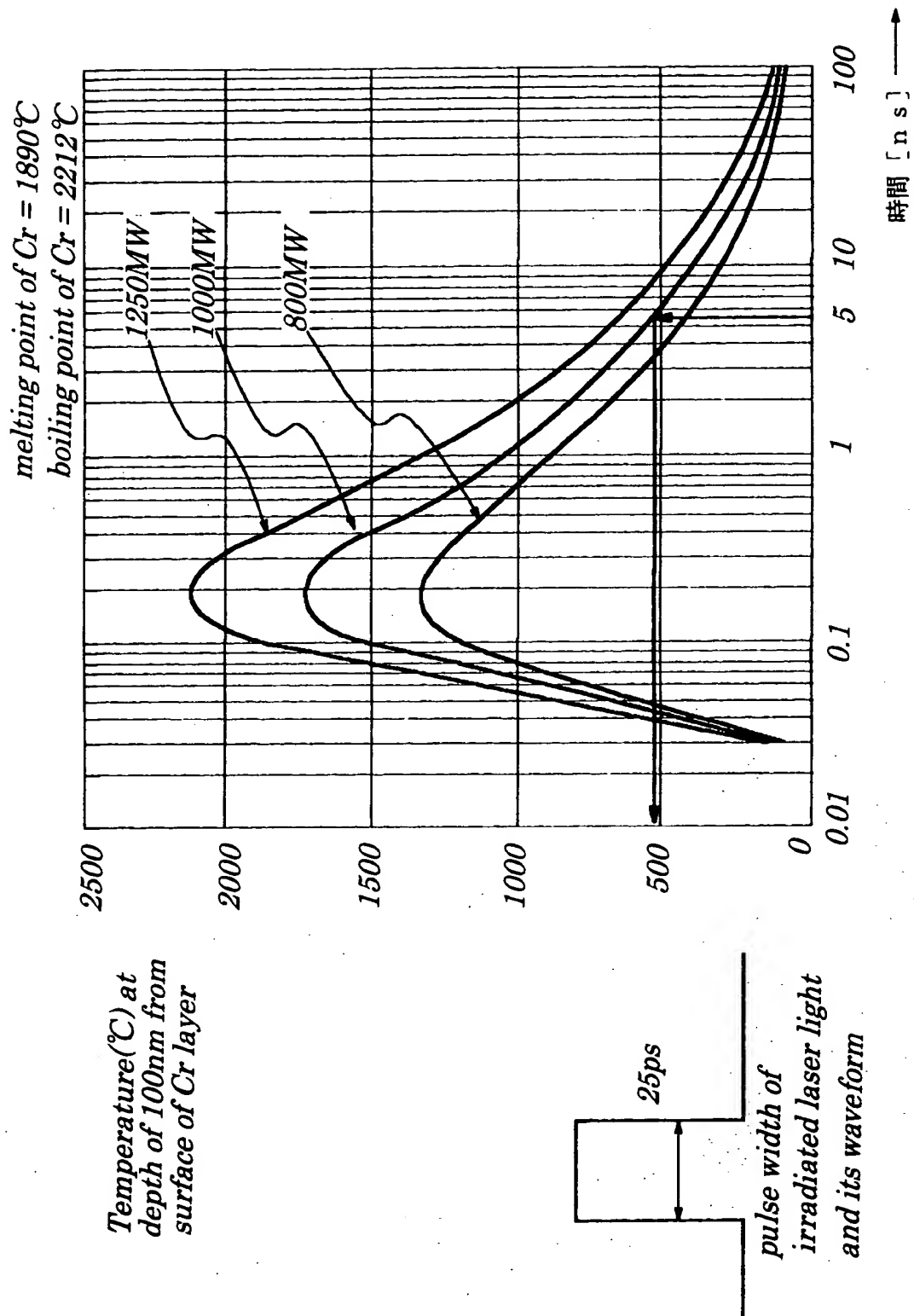


FIG. 8

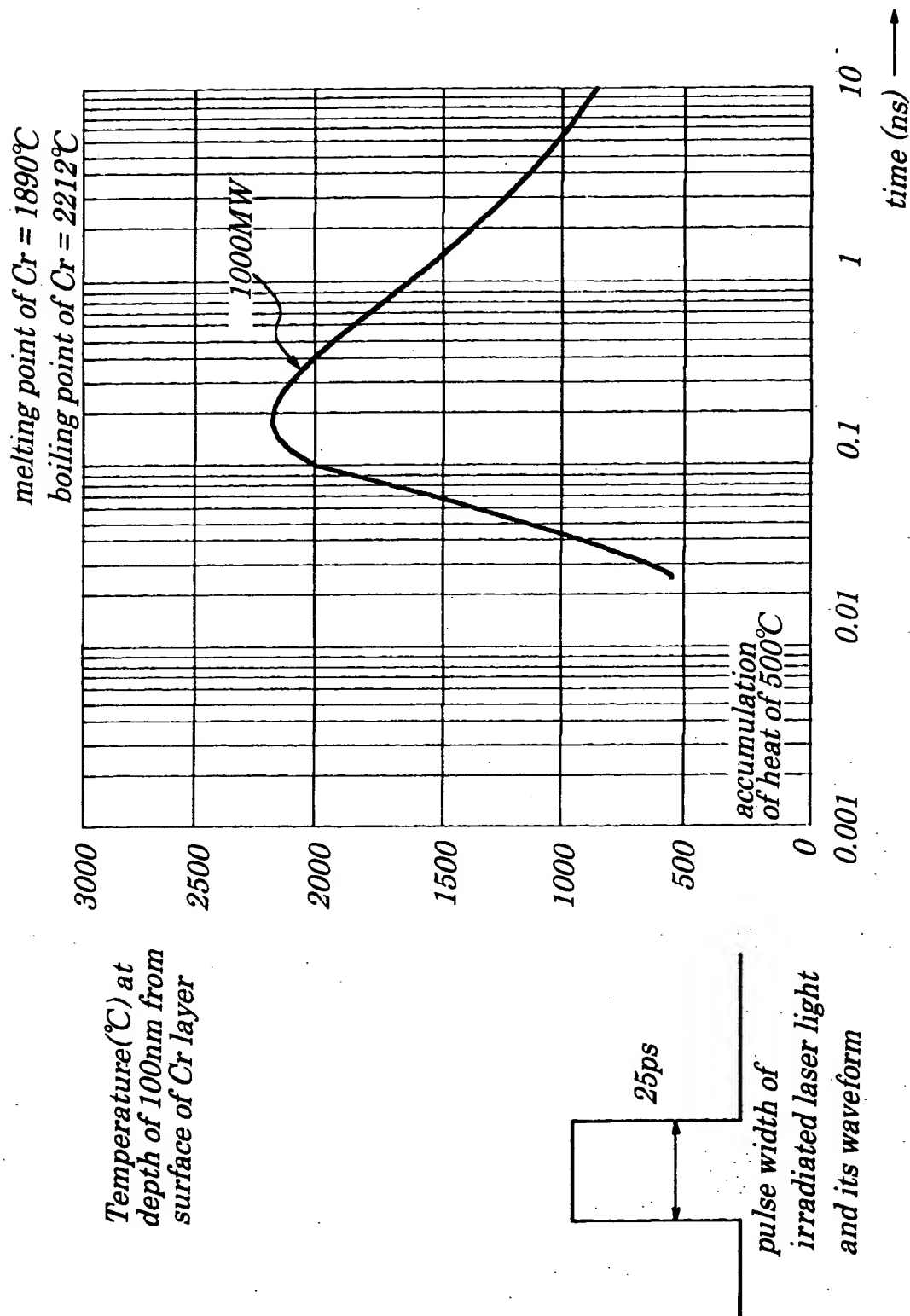
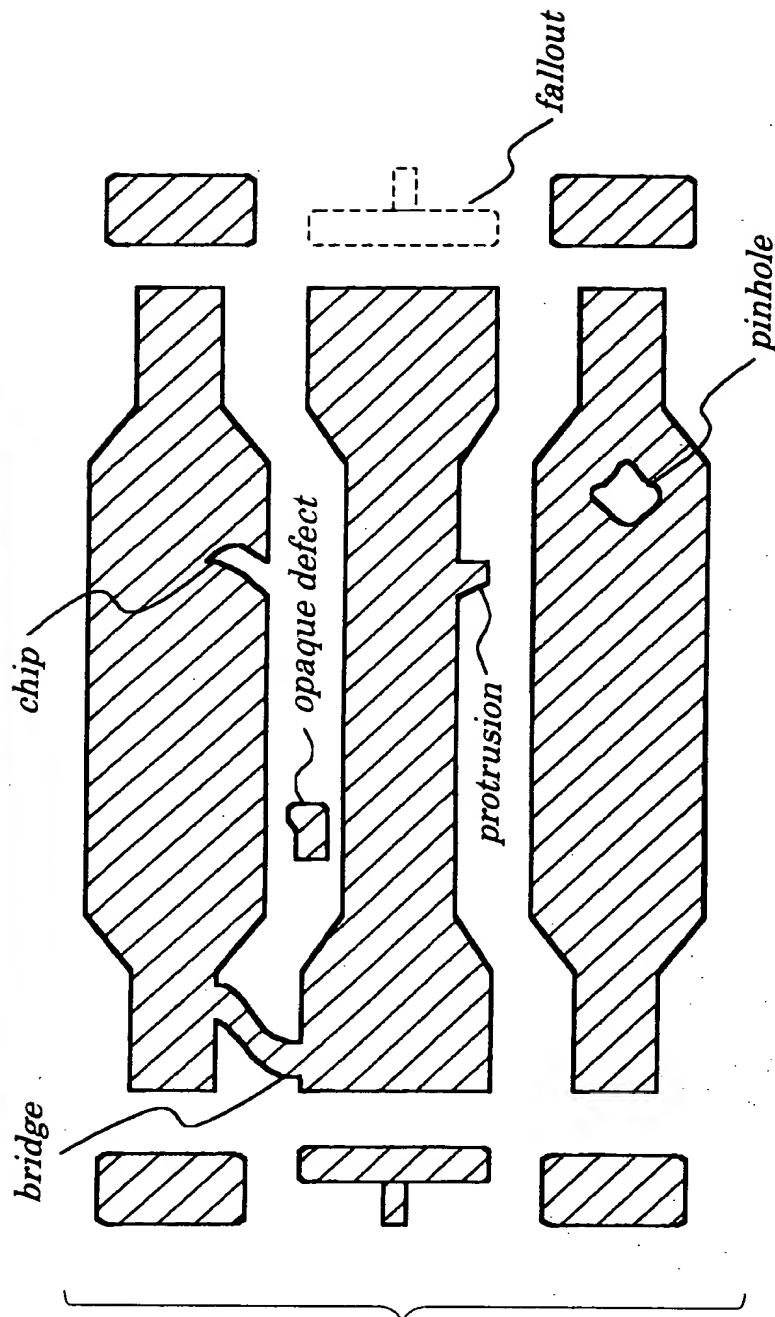
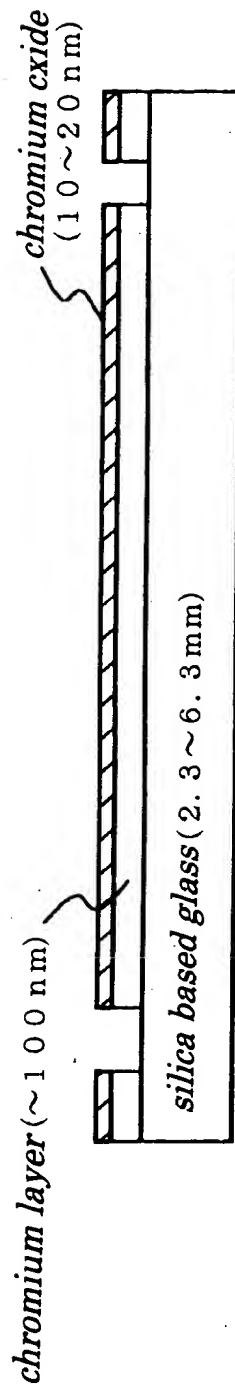


FIG. 9A (PRIOR ART)



**FIG. 9B
(PRIOR ART)**

heat affected zone

limpness of edge

splash

swelling

Cr layer

depth of substrate damage

90 ~ 120 nm

2.3 ~ 6.3 mm

glass substrate

damage on surface and decrease in transmittance

